

**PATENT COOPERATION TREATY**  
**PCT**

**INTERNATIONAL SEARCH REPORT**

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  HD / 5 - 22898	<b>FOR FURTHER ACTION</b>	
		see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No.  PCT/EP2004/050983	International filing date (day/month/year)  02/06/2004	(Earliest) Priority Date (day/month/year)  11/06/2003
Applicant  CIBA SPECIALTY CHEMICALS HOLDING INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b.  With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2.  Certain claims were found unsearchable (See Box II).

3.  Unity of invention is lacking (see Box III).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. \_\_\_\_\_

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b.  none of the figures is to be published with the abstract.

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/EP2004/050983

**Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)**

The present invention relates to storage-stable fluorescent whitener formulations comprising a compound of formula (1), as described under claim 1, a process for their preparation and their use.

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/050983

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 D06L3/12.

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 D06L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 542 677 A (CIBA GEIGY AG) 19 May 1993 (1993-05-19) page 2, line 15 – page 5, line 43 examples	1,2,4-18
Y		3
X	EP 0 604 366 A (CIBA GEIGY AG) 29 June 1994 (1994-06-29)  page 2, line 17 – page 4, line 48 examples	1,2, 4-10, 15-18
X	EP 0 385 374 A (CIBA GEIGY AG) 5 September 1990 (1990-09-05)  page 2, line 14 – page 5, line 21 examples	1,2, 4-10, 15-18
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## • Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

8 October 2004

Date of mailing of the international search report

19/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Fiocco, M

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/050983

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 850 934 A (CIBA GEIGY AG) 1 July 1998 (1998-07-01) example 1 -----	3
A	EP 1 300 514 A (BAYER AG) 9 April 2003 (2003-04-09) page 2, line 52 – page 4, line 52 page 6, line 17 – line 53 -----	1-18

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No PCT/EP2004/050983	
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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
EP 0542677	A 19-05-1993	CH 682748 A5 AT 135423 T AU 653271 B2 AU 2820792 A BR 9204316 A CA 2082202 A1 DE 59205674 D1 DK 542677 T3 EP 0542677 A1 ES 2084977 T3 GR 3019312 T3 JP 3286358 B2 JP 5239768 A KR 249743 B1 MX 9206384 A1 NZ 245027 A US 5518657 A		15-11-1993 15-03-1996 22-09-1994 13-05-1993 11-05-1993 08-05-1993 18-04-1996 01-04-1996 19-05-1993 16-05-1996 30-06-1996 27-05-2002 17-09-1993 15-03-2000 01-05-1993 26-10-1994 21-05-1996
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